

### AMENDMENTS TO THE CLAIMS

Upon entry of this amendment, the following listing of claims will replace all prior versions and listings of claims in the pending application.

#### Listing of Claims

1. (Currently amended) A method for virtualizing access to native resources, the method comprising:

receiving a request to access a first native resource provided by an operating system from a process executing within a context of an isolation environment including an application isolation layer and a user isolation layer, the request including a virtual name for the first native resource;

determining that a rule action specifying ~~remap~~ redirection is associated with the virtual name included in the received request;

forming a literal name ~~for the native resource~~ responsive to the rule action and the virtual name, the literal name identifying a ~~literal~~ second native resource ~~of having~~ the same type as the requested resource; and

issuing to the operating system a request to access the second native resource, the request including the ~~determined~~ formed literal name ~~for the native resource~~.

2. (Currently amended) The method of claim 1 wherein receiving a request to access a first native resource comprises: receiving a request from a process executing in the context of an isolation environment to access a first named system object, the request including a virtual name for the first named system object.

3. (Cancelled).

4. (Currently amended) The method of claim 1 wherein receiving a request to access a native resource comprises: receiving a request from a process executing in the context of an isolation environment to access a first file system element, the request including a virtual name for the first file system element.

5. (Cancelled).

6. (Currently amended) The method of claim 1 wherein receiving a request to access a native resource comprises: receiving a request from a process executing in the context of an isolation environment to access a first registry key, the request including a virtual name for the first registry key.

7. (Cancelled).

8. (Currently amended) The method of claim 1 wherein receiving a request to access a native resource comprises: receiving a request from a process executing in the context of an isolation environment to access one of a first window and a first window class, the request including one of a virtual name for the first window and a virtual name for the first window class.

9. (Cancelled).

10. (Currently amended) The method of claim 1 wherein forming a literal name further comprises:

accessing a rules engine to determine a rule action associated with the virtual name received in the request; and  
forming a literal name for the first native resource responsive to the determined rule, the formed literal name identifying a ~~literal~~ second native resource of the same type as the requested resource.

11. (Currently amended) The method of claim 1 further comprising: receiving a handle from the operating system identifying the ~~accessed object~~ second native resource.

12. (Previously Presented) The method of claim 11 further comprising: transmitting the handle to the process.

13. (Cancelled).

14. (Currently amended) A computer implemented apparatus virtualizing access to native resources provided by an operating system executing on a processor of a computer ~~and virtualizing access to native resources~~, the apparatus comprising:

a hooking mechanism receiving a request to access a first native resource from a process executing in the context of an isolation environment including an application isolation layer and a user isolation layer, the request including a virtual name for the first native resource;

a rules engine storing a rule action associated with the virtual name included in the received request, the rule action specifying ~~remap~~ redirection;

a name virtualization engine forming a literal name ~~for the native resource~~, the formed ~~literal name~~ identifying a ~~literal~~ second native resource of the same type as the requested resource; and

\_\_\_\_\_ an interface of an operating system executing on a processor of a computer, the interface requesting access to the identified ~~literal~~ second native resource.

15. (Currently amended) The apparatus of claim 14 wherein the hooking mechanism intercepts a request to open a first native resource.

16. (Currently amended) The apparatus of claim 14 wherein the hooking mechanism intercepts a request to create a first native resource.

17. (Cancelled).

18. (Previously Presented) The apparatus of claim 14 wherein the rules engine comprises a database.

19. (Cancelled)

20. (Original) The apparatus of claim 14 wherein the hooking mechanism comprises a file

system filter driver.

21. (Original) The apparatus of claim 14 wherein the hooking mechanism comprises a mini-filter.

22. (Original) The apparatus of claim 14 wherein a native file system comprises the hooking mechanism.